

ROYAL SAMARITAN
HOSPITAL FOR WOMEN
GLASGOW

MEDICAL
REPORT

1939





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ROYAL SAMARITAN HOSPITAL for WOMEN

GLASGOW

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F.R.C.O.G. L.M., F.R.S.E.

The Muirhead Research Scholarship—Vacant.

The Report deals with patients in the wards of the Hospital who were discharged during the year 1939. The tabulation and classification of the details are similar to those employed in previous Reports. The explanation of the system of collecting and arranging the material has not been reprinted.

TABLE I.

Total number of patients	...	...	...	2,935*
" " operations	...	...	...	2,671
Mortality	...	...	...	1.12%

* Corrected for readmissions.

TABLE II.

NATIONALITIES.

Scottish	...	...	...	...	...	2,651
English	...	...	...	...	...	137
Irish	...	...	...	...	...	97
Welsh	...	...	...	...	...	8
Russian	...	...	...	...	...	7
American	...	...	...	...	...	6
Lithuanian	...	...	...	...	...	5
Indian	...	...	...	...	...	4
Canadian	...	...	...	...	...	3
African	...	...	...	...	...	2
Australian	...	...	...	...	...	2
Belgian	...	...	...	...	...	2
New Zealander	...	...	...	...	...	1
Burmese	...	...	...	...	...	1
Chinese	...	...	...	...	...	1
Egyptian	...	...	...	...	...	1
German	...	...	...	...	...	1
Italian	...	...	...	...	...	1
Latvian	...	...	...	...	...	1
Norwegian	...	...	...	...	...	1
Polish	...	...	...	...	...	1
Spanish	...	...	...	...	...	1
Swedish	...	...	...	...	...	1

TABLE III.

Etiological Factors involved in the production of the pathological lesions detailed in Table VI.

(The total here does not correspond to the number of patients, as frequently more than one factor is present.)

Total number in which infection associated with child bearing was an etiological factor	...	...	...	576
Total number in which infection unassociated with child bearing was an etiological factor	...	...	...	416
Total number in which injury associated with child bearing was an etiological factor	...	...	...	1,043
Total number in which newgrowth (tumour or cyst) was present	...	...	...	613
Total number where error of development appears	...	...	...	187
Total number where cause does not belong to above groups	...	...	...	490
No appreciable disease	...	...	...	230

TABLE IV.

Showing incidence of various combinations of Etiological Factors in individual cases analysed according to following numbered list:—

1. Infection associated with child bearing.
2. Infection unassociated with child bearing.
3. Injury associated with child bearing.
4. Newgrowth (Tumour or cyst).
5. Error of development.
6. Other than the above causes.
7. No appreciable disease.

I	...	...	...	278	3 and 4	...	...	60
2	...	...	...	264	3 and 5	...	...	I
3	...	...	...	656	3 and 6	...	...	4I
4	...	...	...	426	4 and 5	...	...	7
5	...	...	...	I49	4 and 6	...	...	38
6	...	...	...	350	5 and 6	...	...	I
7	...	...	...	230	I, 2 and 3	...	...	5
I and 2	...	...	...	I4	I, 3 and 4	...	...	8
I and 3	...	...	...	209	I, 3 and 6	...	...	IO
I and 4	...	...	...	29	I, 4 and 6	...	...	I
I and 5	...	...	...	3	2, 3 and 4	...	...	2
I and 6	...	...	...	I8	2, 3 and 6	...	...	4
2 and 3	...	...	...	44	2, 4 and 5	...	...	I
2 and 4	...	...	...	35	2, 4 and 6	...	...	2
2 and 5	...	...	...	23	3, 4 and 5	...	...	I
2 and 6	...	...	...	22	3, 4 and 6	...	...	2
				I, 4, 5 and 6	...	...	I	

Total, 2,935.

TABLE V.
OPERATIONS.

Total operations by the abdominal route	...	...	...	376
Total operations by the perineal route	...	...	...	2,322
<hr/>				
Abdominal operation alone	...	...	...	342
Abdominal operation plus major vaginal operation	...	...	...	1
Abdominal operation plus minor vaginal operation	...	...	...	33
Major vaginal operation alone	...	...	...	426
Minor vaginal operation alone	...	...	...	1,862
Operations not classifiable under above	...	...	...	7
Total,				<hr/> 2,671
*Remainder (treatment under anæsthesia other than operative)	...	...	...	85
Examination under anæsthesia	...	...	...	32
No operation performed	...	...	...	158

In some cases a patient has undergone more than one operation.

*Insertion of Pessary, correction of malposition, etc.

TABLE VI.
PATHOLOGICAL CONDITIONS.

This list records the different Lesions encountered in the 2,935 patients under consideration, and, like Table III., the total number does not correspond to the number of patients, as, in one patient, two or even three different Lesions may be present.

TABLE

Schedule Number	DISEASE	Number of Cases.	Average Age.	Number Married.
			A.	REGIO
				VUL
4	Acute vulvitis (including cellulitis) ...	2	35	2
5	Syphilis	2	45	1
11	Abscess of Bartholin's Gland ...	10	34	6
15	Pruritus	7	43	5
16	Leukoplakia	1	55	1
19	Hypertrophy of labium majus ...	1	51	1
20	Hypertrophy of labium minus ...	4	36	3
21	Fibroma	2	36	...
25	Sebaceous cyst	3	37	3
26	Epithelioma	6	63	4
29	Melanoma	1	53	1
30	Sarcoma	1	31	1
31	Cyst of Bartholin's Gland (or Duct) ...	11	41	11
32	Haematoma	1	38	1
36	Unclassified (diseases restricted to vulva)	9	36	8
				VAG
37	Stenosis of vaginal orifice (congenital)	29	27	28
41	Vaginal cyst (Gartner's duct) ...	4	37	4
42	Vaginismus	6	30	6
44	Acute vaginitis	6	27	4
45	Chronic vaginitis	48	34	33
46	Senile vaginitis	6	57	6
47	Stenosis of vagina (inflammatory in origin)	1	46	1

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
NAL.									
VA.									
100	1	.50	$11\frac{6}{12}$	1	18	1	1	1	...
50	4	...	28	1	20	1	1	...	...
50	2	.20	$6\frac{5}{12}$	10	18	9	1	...	...
71	4	.80	14	4	24	5	3	...	...
100	4	...	20	1	21	...	1	...	...
100	5	...	15	1	21	...	...	1	...
75	3	.33	$8\frac{8}{12}$	4	22	2	...	2	...
...	...	...	...	2	14	2	...	...	...
67	7	1.50	$\frac{9}{12}$	3	19	1	2	1	...
50	3	...	$23\frac{4}{12}$	5	31	6	...	...	1
100	8	...	17	1	49	1	...	...	...
100	1	...	3	1	20	1	...	...	...
73	3	.63	$10\frac{1}{12}$	11	22	9	1	2	...
100	9	1	$\frac{1}{12}$	1	13	1	...	...	...
44	3	.50	$5\frac{6}{12}$	9	17	4	5	...	...
INA.									
...	...	...	...	29	15	25	10	1	...
100	2	.25	$8\frac{5}{12}$	3	17	4	4	...	...
33	2	.50	10	6	12	6	...	...	...
33	1	...	$11\frac{6}{12}$	5	15	5	3	1	...
58	3	.39	$9\frac{1}{12}$	34	17	36	19	1	...
100	7	.33	$19\frac{9}{12}$	5	13	5	2	...	...
100	1	...	19	1	7	1	...	...	...

* Deaths are shown opposite primary, additional and terminal conditions, i.e., opposite each pathological lesion when more than one was present in the same patient.

TABLE

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
				VAGINA
51	Simple ulceration	3	29	3
52	Vaginal cyst (inflammatory in origin)	3	38	3
56	Vaginal cyst (neoplastic)	1	36	1
57	Epithelioma	2	68	2
58	Unclassified (diseases restricted to vagina)	9	37	7
				UTE
62	Underdevelopment of uterus—minor degree (including cases of acute anteflexion with dysmenorrhœa and sterility)	112	26	71
240	Uterus bicornis bicollis	1	29	1
64	Uterus septus	1	25	1
65	Uterus subseptus	1	24	1
67	Atresia of cervix	1	57	1
70	Chronic corporeal endometritis ...	8	35	8
71	Senile endometritis	1	53	1
72	Senile endometritis with pyometra ...	1	49	1
73	Tuberculosis of endometrium ...	5	30	5
74	Chronic cervical endometritis ...	68	36	64
75	Chronic endometritis and endocervicitis	6	33	6
76	Cervical erosion	617	34	548
77	Cervical erosion and endocervicitis ...	6	35	6
78	Chronic metritis	5	39	5
79	Chronic metritis and endometritis ...	4	38	4
80	Inflammatory hypertrophy of vaginal cervix	35	43	34
81	Simple adenoma of endometrium ...	2	44	1
83	Simple general hypertrophy of uterus (including metropathia hæmorrhagica)	39	41	32

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
<i>Contd.</i>									
100	3	·33	$2\frac{4}{12}$	2	17	2	1	...	...
100	3	·67	5	3	21	...	1	2	...
100	1	...	13	1	16	...	1	...	...
100	6	...	$28\frac{6}{12}$	1	44	2	...	...	...
33	2	·33	11	8	9	6	3	...	...
RUS.									
4	1	·60	$4\frac{5}{12}$	109	10	108	18	2	...
...	...	...	...	1	14	1	...	...	...
...	...	...	...	1	14	1	...	...	...
100	...	1	$\frac{10}{12}$	1	10	...	1	...	...
100	14	...	15	1	45	...	1	...	...
100	3	·88	$5\frac{9}{12}$	8	14	7	2	1	...
...	...	...	...	1	13	1	...	...	...
100	9	...	16	1	10	1	1	...	...
20	3	1	23	5	15	4	2	...	...
90	3	·49	$6\frac{8}{12}$	68	16	50	26	7	1
100	3	·17	$5\frac{3}{12}$	6	17	5	1	1	...
81	3	·38	$6\frac{1}{12}$	613	15	448	256	84	2
83	2	·20	$5\frac{5}{12}$	6	12	5	2	...	...
100	5	·80	$6\frac{7}{12}$	5	16	5	2	...	...
100	4	·50	$6\frac{4}{12}$	4	21	4	...	1	...
94	3	·24	$10\frac{10}{12}$	35	21	23	23	2	1
100	3	...	9	2	13	2	...	...	...
77	3	·57	$12\frac{2}{12}$	38	14	33	15	2	...

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
				UTERUS
84	Elongation of vaginal cervix (congenital)	5	43	2
85 & 86	Fibromyoma of body of uterus single-subserous	15	42	11
87 & 88	Fibromyoma of body of uterus single-intramural	51	41	43
89 & 90	Fibromyoma of body of uterus single-submucous	16	43	15
93 & 94	Multiple fibromyomata of uterus ...	117	43	81
95	Fibromyoma of cervix	8	46	7
97	Mucous polypus of body	19	45	16
98	Mucous polypus of cervix	69	48	56
99	Fibroid or fibro-adenomatous polypus of body	10	43	9
100	Fibro-adenomatous polypus of cervix	14	50	11
101	Adeno-myoma	6	38	5
102	Sarcoma of body of uterus	1	73	1
105	Carcinoma of cervix—operable ...	19	49	19
106	Carcinoma of cervix—inoperable ...	65	54	61
107	Adenocarcinoma of body of uterus ...	19	61	14
109	Carcinomatous polypus of cervix ...	1	59	1
110	Delayed involution—Superinvolution	3	31	3
111	Chronic subinvolution	57	40	57
112	Placental polypus	2	33	2
113	Retained products of conception ...	3	26	3
114	Abortion—threatened	5	30	5
115	Abortion—incomplete	81	31	76
116	Abortion—missed	1	35	1
120	Chorion epithelioma	1	38	1
124	Unclassified (diseases restricted to uterus)	98	41	86

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
<i>Contd.</i>									
20	4	...	10	5	17	2	3	1	...
53	4	...	$13\frac{2}{12}$	14	20	11	8	1	...
71	3	.36	$10\frac{7}{12}$	49	22	34	22	6	1
88	3	.64	$11\frac{7}{12}$	16	18	14	5	...	...
44	2	.42	$14\frac{6}{12}$	115	24	103	45	11	1
88	4	I	$11\frac{7}{12}$	8	23	7	1	2	...
68	3	.23	$16\frac{7}{12}$	19	15	8	13	1	...
72	3	.40	$14\frac{11}{12}$	68	17	41	39	9	...
80	3	.13	$11\frac{8}{12}$	10	12	9	1	1	...
71	4	.80	$13\frac{2}{12}$	14	14	10	6	1	...
83	2	I	$9\frac{3}{12}$	6	30	4	1	2	...
100	7	I	33	1	32	1	...	...	...
100	4	.53	$14\frac{5}{12}$	14	27	17	4	1	1
89	5	.79	$17\frac{8}{12}$	37	31	65	5	...	1
74	4	.43	$24\frac{11}{12}$	16	27	17	3	1	2
100	...	I	29	1	46	...	1	...	...
100	4	2	$1\frac{8}{12}$	2	13	3	...	...	...
100	4	.75	$6\frac{3}{12}$	56	14	52	14	6	...
100	4	I	$1\frac{2}{12}$	2	7	2	1	...	...
100	3	I	$\frac{1}{12}$	3	11	3	...	...	...
100	2	I	$\frac{9}{12}$	1	16	5	...	...	...
100	3	.72	$1\frac{9}{12}$	81	11	80	17	2	...
100	2	I	$1\frac{6}{12}$	1	14	1	...	...	...
100	3	I	$\frac{7}{12}$	1	31	...	1	...	...
77	4	.45	$10\frac{10}{12}$	80	14	88	24	5	...

TABLE

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
				TUBES.
132	Hydrosalpinx	2	49	1
133	Salpingitis	16	32	15
246	Acute salpingo-oöphoritis without pus formation	3	37	3
247	Acute salpingo-oöphoritis with pus formation	2	34	1
248	Chronic salpingo-oöphoritis—with pus formation	8	40	8
249	Chronic salpingo-oöphoritis—without pus formation	45	33	44
250	Salpingo-oöphoritis of tuberculous origin	18	29	15
140, 141, 143 and 144	Tubal pregnancy, with mole formation, tubal abortion, or tubal rupture	11	34	11
148	Unclassified (diseases restricted to Fallopian tubes)	15	30	14
				OVA
154	Small cystic degeneration of ovary ...	23	36	21
155	Simple serous cyst	38	36	29
156	Cyst of corpus luteum	1	31	...
157, 158 and 190	Pseudomucinous cyst-adenoma ...	17	39	12
159	Pseudomucinous cyst-adenoma, with malignant transition	6	55	5
161, 162 and 191	Serosal cyst-adenoma	7	39	7
163	Serosal cyst-adenoma, with malignant transition	2	48	...

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
50	1	...	23	2	23	1	1	...	...
56	3	.33	$7\frac{5}{12}$	13	22	9	8	1	...
100	5	.67	$4\frac{4}{12}$	1	25	3	...	1	...
100	5	...	$3\frac{6}{12}$	1	34	2	...	1	...
75	3	1.17	$7\frac{1}{12}$	8	42	4	2	2	...
56	2	.64	$7\frac{2}{12}$	43	17	27	22	5	1
11	2	...	$4\frac{10}{12}$	16	21	15	5	...	...
100	2	.36	$3\frac{6}{12}$	11	27	10	3	...	...
7	...	1	5	14	7	15	...	...	...
RIES.									
70	2	.56	$8\frac{1}{12}$	22	21	9	11	6	...
66	2	.60	$9\frac{8}{12}$	37	21	15	19	8	...
...	...	...	...	1	17	...	...	1	...
65	3	.18	$11\frac{3}{12}$	16	22	17	2	...	1
67	3	...	$25\frac{9}{12}$	6	38	6	3	...	...
86	3	.67	$8\frac{6}{12}$	7	27	7	1	...	...
...	...	...	...	2	22	2	...	...	...

TABLE

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
				OVARIES
165	Dermoid cyst	2	38	2
167	Dermoid cyst, with malignant transition	1	45	1
169	Tarry cysts of ovary (endometrioma)	19	37	17
171	Carcinoma—primary	11	53	5
172	Carcinoma—metastatic	4	44	3
174	Fibroma	6	52	6
176	Fibromyoma	1	53	1
177	Sarcoma	2	57	1
179	Haematoma circumscribed	1	42	1
182	Unclassified (diseases restricted to ovaries)	31	40	25
				LIGAMENTS, PERITONEUM
183	Fimbrial cyst	14	40	10
184	Epoophoritic cyst (parovarian) ...	1	31	1
185	Pelvic cellulitis	2	24	2
187	Pelvic peritonitis	1	29	1
188	Pelvic peritonitis (encysted)	1	15	...
189	Peritoneal adhesions (post-operative)	4	27	3
194	Unclassified (diseases restricted to ligaments, peritoneum and cellular tissue)	18	33	17

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
<i>Contd.</i>									
100	3	...	3	2	20	2	...	...	...
...	...	...	...	1	21	1	1	...	...
58	2	·09	$10\frac{9}{12}$	18	22	11	10	1	3
27	3	1	23	10	26	11	2	...	3
100	4	...	11	4	37	1	2	1	...
100	4	1·17	$15\frac{10}{12}$	5	19	6	1	...	1
100	4	1	15	1	38	...	1	...	...
50	5	...	19	2	26	2	...	...	2
100	4	...	4	1	25	...	1	...	...
71	4	·73	$11\frac{4}{12}$	21	17	27	6	...	...
AND CELLULAR TISSUE.									
57	4	·13	$9\frac{9}{12}$	14	24	10	5	3	...
...	...	...	...	1	21	1	...	...	...
50	4	1	$3\frac{6}{12}$	...	20	2	...	...	...
...	...	...	...	1	4	1	...	1	...
...	...	...	...	1	21	...	1	...	...
25	...	1	$\frac{1}{12}$	4	24	1	2	1	...
83	3	·20	$6\frac{5}{12}$	17	15	6	9	4	1

TABLE

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
				URINARY
201	Chronic nephritis	5	47	5
203	Generalised infection of urinary tract			
	—chronic	1	71	...
204	Chronic urethritis	1	26	1
205	Acute cystitis	7	37	6
206	Chronic cystitis	11	45	10
207	Pyelitis	3	39	3
219	Urethral caruncle	42	53	38
221	Papilloma of bladder	2	67	2
227	Unclassified (diseases restricted to urinary tract)	4	46	4
				BRE
233	Carcinoma—scirrhous	1	35	...
				B. GEN
				MA LFORMATIONS AND
237	Rudimentary uterus, tubes and ovaries	1	30	1
243	Unclassified (but belonging to malformations and errors of development)	2	25	1

VI.

TRACT	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Percentage.	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.					
100	4	·40	15 $\frac{1}{2}$	1	12	1	4	...	...
...	...	...	...	1	58	...	1	...	...
...	...	...	...	1	9	...	1	...	...
86	3	·17	7 $\frac{8}{12}$	6	26	1	6	1	...
82	4	...	8 $\frac{9}{12}$	2	28	9	4	1	...
100	2	·67	4 $\frac{4}{12}$	1	25	2	1	1	...
86	4	·83	19	38	15	31	19	4	...
50	4	...	27	...	11	1	1	...	...
75	6	1·33	10	2	12	3	2	...	...
AST.									
...	...	...	...	...	4	1	...	...	...
ERAL									
ERRORS OF DEVELOPMENT.									
...	...	...	...	...	4	1	...	...	...
...	...	...	...	2	9	2	...	...	...

TABLE

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
		DISEASED CONDITIONS		
244	Acute inflammation of genital tract of puerperal origin	I	27	I
245	Acute inflammation of genital tract not puerperal in origin	I	54	I
256	Unclassified (but belonging to diseased conditions resulting from infection)	6	44	5
		OBSTETRIC AND OTHER INJURIES, PROLAPSE AND		
258	Non-obstetric injury to vagina ...	I	28	I
260	Non-obstetric injury to bladder and urethra	I	33	...
261	Injury of urethral sphincter	4	49	4
262	Prolapse of urethral mucous membrane	4	54	4
263	Perineal laceration without involvement of sphincter ani	154	43	153
263 & 267	Perineal laceration (without involvement of sphincter ani) and cervical laceration	51	34	51
263 & 271	Perineal laceration (without involvement of sphincter ani) and cystocele	156	45	154
264	Perineal laceration with involvement of sphincter ani	38	36	38
266	Vaginal laceration with stricture ...	I	44	I

VI.

PAROUS				Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
Percentage.	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
RESULTING FROM INFECTION.									
100	2	...	$\frac{1}{12}$	...	2	1	...	...	...
...	...	...	...	1	45	1	...	...	...
83	2	2.40	$8\frac{9}{12}$	5	11	4	2	...	...
FISTULAE, DISPLACEMENTS.									
HERNIAS.									
...	...	...	...	...	8	1	...	...	...
...	...	...	...	1	25	...	1	...	...
100	3	...	17	4	27	2	3	1	...
100	3	.50	20	4	24	1	4	...	...
100	4	.33	$9\frac{11}{12}$	151	23	61	91	44	1
100	4	.55	$5\frac{9}{12}$	51	23	36	23	10	...
100	4	.44	$11\frac{7}{12}$	153	21	123	75	13	...
100	4	.63	$5\frac{5}{12}$	36	26	28	13	8	...
100	...	1	$1\frac{3}{12}$	1	10	1	1	...	...

Schedule Number.	DISEASE	Number of Cases.	Average Age.	Number Married.
		OBSTETRIC AND	OTHER	
267	Cervical laceration	158	37	156
270	Perforation of uterine wall	2	35	2
271	Cystocele	76	43	74
272, 273, 274, 275, & 278	Prolapse of uterus, incomplete and complete	250	50	246
276	Cystocele and rectocele	262	45	262
277	Rectocele	70	42	70
281	Prolapse of ovary	2	26	1
282, 284, & 285	Retrodisplacement of uterus	95	32	82
286	Retrodisplacement of gravid uterus	1	36	1
291	Vesico-vaginal fistula	3	28	3
293	Recto-vaginal fistula	10	34	10
299	Hydrocele of canal of nuck	1	42	1
303	Ventral hernia	1	59	1
304	Ventral hernia, post-operative	1	52	1
307	Unclassified (but belonging to obstetric and other injuries, fistulae, dis- placements, prolapse and hernias)	14	44	14

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscariages.	Average Number of years since last Pregnancy.						
INJURIES, ETC.	— <i>Contd.</i>								
100	3	·41	$6\frac{6}{12}$	156	20	90	98	23	2
50	3	1	1	2	12	...	1	1	1
97	3	·49	$10\frac{9}{12}$	71	21	55	43	8	...
98	4	·47	$15\frac{1}{12}$	234	24	228	77	16	3
100	4	·43	$11\frac{7}{12}$	252	23	171	122	58	4
99	4	·25	$9\frac{4}{12}$	69	23	25	45	10	1
...	...	...	...	1	8	1	1	...	...
73	2	·42	$4\frac{7}{12}$	95	15	55	49	10	...
100	3	1	10	1	4	1	1	...	...
100	2	·33	$1\frac{5}{12}$	2	37	3	2	...	...
100	2	·40	$4\frac{10}{12}$	9	22	8	3	...	...
100	2	...	17	1	17	1	...	...	...
100	5	...	25	1	25	1	...	...	...
...	...	...	...	1	19	1	...	...	...
93	3	·69	$14\frac{4}{12}$	13	24	5	9	2	...

TABLE

Schedule Number	DISEASE	Number of Cases.	Average Age.	Number Married.
C. DISEASES OUTWITH THE				
309	Anaemia, primary	1	38	1
310	Anaemia, secondary	3	37	1
316	Thrombosis femoral vein	2	30	...
319	Pulmonary embolism	4	48	4
321	Secondary haemorrhage	7	45	4
323	Endocarditis	2	42	2
326	Myocardial degeneration	1	62	1
327	Valvular disease of heart	4	39	4
328	Syncope	1	26	1
329	Bronchitis	4	46	4
331	Pneumonia	5	43	4
335	Neurosis	2	34	2
337	Diabetes	8	48	8
339	Panniculitis	4	36	4
340	Fibrositis	3	32	3
341	Rheumatism	3	62	3
344	Surgical shock	5	55	4
347	Hyperemesis gravidarum	1	24	...
349	Cirrhosis of liver	1	67	1
350	Haemorrhoids	9	48	7
352	Polypus of rectum	1	74	1
355	Fistula in ano	2	39	1
356	Coccygodynia	2	42	2
358	Diverticulitis	3	60	3
359	Acute appendicitis	1	21	...
360	Chronic appendicitis	33	33	22
361	General peritonitis	4	48	4
362	Carcinoma of alimentary tract	9	56	7
363	Carcinoma of alimentary tract, with metastatic growth in genital tract	1	33	1

VI.

Percentage.	PAROUS			Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
	Average Number of Children.	Average Number of Miscarriages.	Average Number of years since last Pregnancy.						
GENITAL AND URINARY TRACT S.									
100	5	...	7	I	23	I	I	...	...
33	I	...	24	2	I7	...	3	...	I
50	I	...	7	2	39	...	2	...	...
100	5	...	I6	4	I8	...	4	...	4
86	3	.33	9 $\frac{1}{2}$	7	2I	...	3	4	2
50	8	...	I9	2	6	...	I	I	I
100	4	I	25	...	I2	...	I	...	...
75	5	.67	4 $\frac{1}{2}$	3	I9	2	2	I	I
100	2	...	2	I	20	...	...	I	I
100	4	I	9 $\frac{5}{2}$	I	II	...	4	...	...
80	5	.50	IO	5	47	...	3	2	...
100	2	I	4	2	2I	2	I	...	...
100	6	I	IO $\frac{6}{2}$	2	I7	2	7	...	...
75	4	I	5 $\frac{1}{2}$	3	I9	I	I	2	...
67	I	...	IO $\frac{2}{2}$	2	IO	I	I	I	...
100	8	.67	23 $\frac{8}{2}$	I	9	3	...	...	...
60	4	.33	I4 $\frac{8}{2}$	5	4	...	4	I	5
100	...	...	...	...	2I	I	...	...	I
100	3	...	30	...	7	I	I	...	I
67	6	I.33	I8 $\frac{4}{2}$	6	I6	6	3	...	...
100	8	...	4I	...	6	...	I	...	...
50	I	...	I9	I	I7	2	I	...	...
100	8	2	4 $\frac{6}{2}$	2	22	2	...	...	...
100	8	.67	I9	I	24	3	I	I	I
...	...	...	...	I	2I	I	...	...	...
45	2	.47	8	33	24	2I	I5	6	...
75	6	.33	8	3	I8	I	I	3	3
67	6	.I7	I5 $\frac{4}{2}$	4	30	8	I	I	4
100	4	...	3	I	28	I	I	...	...

TABLE

Schedule Number	DISEASE	Number of Cases	Average Age	Number Married
		DISEASES	OUTWITH	THE
365	Biliary calculi	2	60	2
371	Disordered function of pituitary ...	2	42	2
373	Unclassified (but belonging to diseases outwith the genital or urinary tract)	38	40	30
		D. CO	NDITION	NS NOT
				CLASS
374	Normal pregnancy	40	31	38
375	No appreciable disease	230	31	173
376	No diagnosis supplied	10	42	9

VI.

PAROUS				Number of cases in which operation was performed.	Average Number of days in Hospital.	Number of cases in which lesion was primary.	Number of cases in which one additional lesion was present.	Number of cases in which two additional lesions were present.	Number of Deaths.*
Percentage.	Average Number of Children.	Average Number of Miscariages.	Average Number of years since last Pregnancy.						
GENITAL AND URINARY TRACTS — <i>Contd.</i>									
100	5	...	$20\frac{6}{12}$	I	16	...	2	...	I
100	5	...	$13\frac{6}{12}$	I	21	2	I	...	...
68	3	.62	$11\frac{11}{12}$	28	18	14	19	7	3
IFIABLE UNDER A, B, OR C.									
100	2	.50	$2\frac{6}{12}$	8	9	30	12	I	...
41	2	.87	$5\frac{6}{12}$	195	9	230	...	...	...
50	6	.20	$16\frac{7}{12}$	2	6	10	...	...	...

TABLE VII.

FATAL CASES.

A brief summary of each fatal case is given. An asterisk indicates that a post-mortem examination was performed.

1. *Aged 26. Rectocele. Syncope occurred under anaesthesia for operative treatment. The anaesthetic employed was nitrous oxide and oxygen with a little ether. A post-mortem examination was carried out.

2. Aged 47. Multiple fibromyomata of uterus. Subtotal hysterectomy. Died suddenly on tenth day after operation from pulmonary embolism.

3. Aged 47. Carcinoma of cervix which had been treated with radium and deep x-radiation, four months previously. She was readmitted with symptoms of generalised peritonitis.

4. *Aged 47. Large fibroma of the left ovary with omental adhesions in vicinity of stomach. Vomiting was continuous. Her condition would not permit of operation at any time after admission to hospital. Autopsy revealed fatty change at the centres of the liver lobules.

5. Aged 58. Sarcoma of ovary. Died twenty-four days after laparotomy.

6. *Aged 67. Admitted with generalised abdominal swelling and jaundice. Died seven days later. Autopsy revealed multilobular cirrhosis of the liver.

7. *Aged 47. Endometrioma of ovary. Admitted in extremis with profound secondary anaemia from bleeding per vaginam. Blood transfusion was given with transient improvement. Patient died next day. Autopsy confirmed diagnosis of endometrioma of ovary, adenomyoma of uterus and secondary anaemia.

8. Aged 69. Epithelioma of vulva. Vulvectomy with block removal of inguinal glands. Secondary haemorrhage on tenth day after operation. Died on twelfth day.

9. *Aged 42. Endometrioma of ovaries. Subtotal hysterectomy and bilateral salpingo-oöphorectomy. Packing was inserted on account of oozing; nevertheless haemorrhage occurred. This was confirmed by autopsy.

10. *Aged 65. Complete uterine prolapse. Plastic operation. Temperature elevated on eighth day after operation. On the twenty-second day complained of pain in the praecordial region and died on the twenty-fourth day. Autopsy revealed metastatic abscesses in the left lung below the apex, an infarct in the right lung and abscesses in the right kidney and thyroid gland.

11. Aged 66. Advanced adenocarcinoma of body of uterus. Radium was applied. Died six days later.

12. Aged 60. Carcinoma of ovary with secondaries in omentum. Died twenty-three days after laparotomy with cerebral symptoms.

13. *Aged 33. Lacerated cervix, cystocele, rectocele. Bilateral trachelorrhaphy, anterior colporrhaphy, colpo-perineorrhaphy. Secondary haemorrhage on ninth day after operation. Cervix resutured under anaesthesia. Did not recover consciousness for four days. Became comatose again two days later and died ten days after the second operation with pyrexia. Autopsy revealed a small area of softening in the left occipital lobe of the brain.

14. *Aged 54. Carcinoma of cervix which was confined to the limits of the cervix except posteriorly, where it reached the floor of the recto-uterine pouch. Radium was applied. Three days later the right saphenous vein became thrombosed. Patient died next day. Autopsy revealed small vegetations on the mitral valve of the heart.

15. Aged 61. Adenocarcinoma of transverse colon forming a pelvic tumour. Mobilisation operation (Mikulicz 1st stage) was performed. Died on the second day after operation.

16. Aged 55. Large fibromyoma nine inches in diameter occupied the posterior wall of the uterus. Subtotal hysterectomy. Uterine mass weighed fifteen pounds. Temperature rose next day and remained elevated until death on the fifth day after operation, from peritonitis.

17. *Aged 59. Diverticulitis of sigmoid colon—peritonitis. Was admitted with pain in the left iliac region of three days' duration. There was a swelling in the region of the left adnexa. Condition improved, but seventeen days after admission pain returned. Next day temperature was elevated and pain was more severe. She died with symptoms of generalised peritonitis twenty days after admission. Autopsy revealed diverticulitis of the sigmoid colon with perforation of a diverticulum resulting in peritonitis. In addition scirrhus carcinoma of stomach was present.

18. Aged 56. Malignant pelvic tumour. Deep X-ray therapy was begun eighteen days after laparotomy. Patient became very weak after the first treatment and the left leg became swollen. She died three days later.

19. *Aged 63. Carcinoma of ovary with secondaries in omentum. Patient died on the day following laparotomy.

20. Aged 69. Carcinoma of colon. Admitted in extremis. Died three days after admission. No operation.

21. Aged 38. Endometrioma of ovary. Subtotal hysterectomy: bilateral salpingo-oöphorectomy. Removal was difficult on account of adhesions. Patient died next day. Surgical shock.

22. Aged 47. Incomplete uterine prolapse. Plastic operation. Temperature rose on seventh day after operation and pyrexia continued until death on the forty-eighth day after operation. Septicaemia.

23. *Aged 58. Incomplete uterine prolapse. Plastic operation was performed. Patient died suddenly fourteen hours later. Autopsy did not reveal a lesion accounting for death.

24. Aged 56. Cystocele and rectocele. Anterior colporrhaphy and colpo-perineorrhaphy performed. Complained of breathlessness twelve days after operation. Allowed up on seventeenth day. Had a severe attack of breathlessness the same evening and died. Pulmonary embolism.

25. *Aged 33. Criminal abortion. Perforation of uterine wall—generalised peritonitis. Patient gave a history indicative of abortion seven days previous to admission, with signs of peritonitis. Laparotomy was performed. Pus poured out on opening the peritoneal cavity. The omentum was thickened and adherent all round the uterus. Autopsy revealed a perforation of the uterine wall. There were no signs of recent pregnancy.

26. Aged 60. Carcinoma of ovary with secondaries in omentum. Patient died twelve days after laparotomy.

27. Aged 43. Pseudomucinous ovarian cyst-adenoma. Salpingo-oöphorectomy. On thirteenth day after operation complained of severe pain in the chest. On twentieth day was allowed up. Died suddenly on the twenty-second day. Pulmonary embolism.

28. *Aged 44. Cystocele, rectocele. Cauterisation of cervix, anterior colporrhaphy, colpo-perineorrhaphy. Allowed up on fifteenth day after operation. Died suddenly next day. Autopsy

revealed a thrombus blocking the branches of the left pulmonary artery.

29. *Aged 36. Chronic salpingo-oöphoritis. Bilateral salpingo-oöphorectomy. The operation was difficult on account of numerous adhesions. The abdomen was again opened on the ninth day after operation, when a large amount of pus escaped. Patient died next day. At autopsy the appendix was found bound to the pelvic wall by a firm band. Only its serous surface was inflamed, but its tip was perforated. It is possible that this occurred during separation of adhesions at operation.

30. Aged 48. Admitted as an urgent case complaining of difficulty in passing urine of four months' duration. The lower limbs were found to be paralysed and a mass was palpable in the region of the left kidney. Died six days after admission.

31. Aged 52. Carcinoma of stomach, secondaries in omentum. Laparotomy. Died fifteen days later.

32. *Aged 24. Vomiting of early pregnancy. Although there was no vomiting for two weeks after admission, patient did not improve and became mentally confused before death. A post-mortem examination was carried out. The liver was found to be normal. A few minute haemorrhages were noted in the thalami of the brain. Toxaemic vomiting of pregnancy.

33. Aged 56. Adenocarcinoma of body of uterus. Total hysterectomy with bilateral salpingo-oöphorectomy. Operation was difficult on account of fixation of the uterus and occupied seventy minutes. Patient did not recover consciousness and died next morning. Surgical shock.

Classification according to immediate cause of death :—

Syncope under anaesthesia	...	...	1
Surgical shock	...	...	5
Secondary haemorrhage	...	...	2
Pulmonary embolism	...	...	4
Secondary anaemia	...	...	1
Septicaemia or pyaemia	...	...	3
Peritonitis	...	...	5
Persistent vomiting	...	...	2
Intestinal obstruction	...	...	1
Cirrhosis of liver	...	...	1
Malignant tumour	...	...	6
Radium therapy	...	...	2

Sixteen of the patients were gravely ill on admission.

FOURTH ANNUAL REPORT.
PATHOLOGICAL DEPARTMENT.

JANUARY 1ST, 1939—DECEMBER 31ST, 1939.

General Arrangements.

The pathologists have remained the same as last year. The senior technician resigned in August and has been replaced. The junior technician has been called up for war service.

Routine Examinations.

The examinations carried out during the year were :—

Histological examination of organs	437
Histological examination of curettings and portions of tissue	669
Endometrial biopsies	163
Examination of vaginal smears	218
Bacteriological examinations of swabs	15
Bacteriological examinations of urine	154
Histological and bacteriological examinations of other body fluids	18
Chemical examinations	16
Tests for pregnancy	46
Total	1,736

The number was reduced on account of the restriction of the work at the beginning of the war.

The pathological conditions found in patients admitted to the wards are detailed in the main part of the medical report.

Post-Mortem Examinations.

Fifteen post-mortem examinations were performed during the year. Particulars of interest are noted in the account of the fatal cases in the main part of the report.

Museum.

Five specimens were added to the museum :—

- A. 26. Fibroma of vulva.
- A. 27. Hypertrophy of labia minora.
- D. 42. Amputated portion of cervix uteri showing early carcinoma.
- K. 20. Early adenocarcinoma of body of uterus associated with cystic glandular hyperplasia of the endometrium.
- Z. 16. Pelvic organs after operation for prolapse.

Dr. A. M. Sutherland has re-arranged and extended the collection of microscopic preparations.

Research.

The following paper has been accepted for publication in the *Lancet* :—

“ Response of Non-Gravid Human Uterus to Posterior Pituitary Extract and its fractions oxytocin and vasopressin.”—A. McLellan.

A. McLELLAN.

FIFTH ANNUAL REPORT (1939).

RADIOLOGICAL DEPARTMENT.

The Staff in the department remains unchanged, and throughout the year the health of the members was good. The work done showed an increase in the number of cases examined on the diagnostic side, a good point when it is remembered that for the last four months the number of patients in the Hospital fell, due to the setting aside of beds for the emergency.

This affected the treatment side, where there was a drop of 20 patients on the preceding year. The drop in the therapy cases occurred mostly in September and October.

The apparatus continues to give satisfaction. Almost at the end of the year the original Deep Therapy tube broke down, having done 5,000 running hours. This is unusually good and we cannot expect to be so fortunate in the future.

The Sunlight and Electricity department showed an increase in the number of patients treated, from 81 to 119.

A chart of the detailed work is given.

S. D. SCOTT PARK.

1939.				Cases	Attendances
Deep Therapy	...	...	...	121	1,452
Diathermy	...	...	...	102	1,600
Sunlight	...	...	...	12	76
Radiant Heat	...	...	...	5	29
Reports	...	...	...	835	
Diagnostic	...	...	...	286	652 Films
Old Deep Therapy Tube	...	3,660 hrs. (Dec. 1938)—5,000 hrs. (Dec. 1939)—1,340 hrs.			
New Deep Therapy Tube	...	12 hrs.			
Mercury Vapour Burner	...	171 hrs.—182 hrs. at end of Dec. 1939.			

DEEP X-RAY THERAPY.

	CERVIX.								UTERINE BODY.	OVARY.		VULVA.
	STAGE I.		STAGE II.		STAGE III.		STAGE IV.			Reporting	Died.	
	Reporting	Died.	Reporting	Died.	Reporting	Died.	Reporting	Died.				
Cases treated ...	11		26		10	11	4	5	7			
1935 ...	6	2 in 1935 1 in 1936 5 { 1 in 1937 1 in 1939	9	2 in 1935 5 in 1936 15 { 6 in 1937 1 in 1938 1 in 1939	0	4 in 1935 9 { 3 in 1936 5 in 1936	0	11 { 7 in 1935 3 in 1936 1 in 1939	3	1 in 1936 3 { 2 in 1937	3	2 in 1935 4 { 2 in 1936
Cases treated ...	9		20		6	7	5	10	1			
1936 ...	3	1 in 1936 6 { 2 in 1937 3 in 1938	9	6 in 1937 11 { 4 in 1938 1 in 1939	1	1 in 1936 5 { 1 in 1937 3 in 1938	1	6 { 4 in 1936 2 in 1937	2	2 in 1937 3 { 1 in 1938	1	0
Cases treated ...	18		21		7	6	12	8	—			
1937 ...	9	1 in 1937 9 { 2 in 1938 6 in 1939	10	1 in 1937 11 { 6 in 1938 4 in 1939	2	3 in 1938 5 { 2 in 1939	1	5 { 4 in 1937 1 in 1938	10	1 in 1937 1 in 1938 1 untraced	—	—
Cases treated ...	12		26		21	5	13	16	2			
1938 ...	11	1 in 1939	17	2 in 1938 9 { 7 in 1939	14	1 in 1938 7 { 6 in 1939	2	3 { 1 in 1938 2 in 1939	10	1 in 1938 3 { 2 in 1939	2	0
Cases treated ...	11		18		24	4	8	6	3			
1939 ...	11		18		20	4	8	6	3			

DEEP X-RAY THERAPY—Continued.

	VAGINA.	BREAST.	DISCON- TINUED.	VARIOUS.	SARCOMA.	FURTHER TREATMENT.	PRURITUS.	MENORRHAGIA.	Total.
	Reporting Died.	Reporting Died.	Died.	Reporting Died.	Reporting Died.	Reporting Died.	Reporting Dismissed.	Reporting Dismissed.	
Cases treated ...	—	—	7	2	2	—	2	30	= 117
1935 ...	—	—	—	0 2 { 1 in 1935 1 in 1936	1 1 in 1935	—	0 2 { 1 in 1935 1 in 1936	0 30 { 15 in 1935 14 in 1936 1 in 1937	
Cases treated ...	1	—	6	3	1	4 (1935 cases)	2	23 { 13 in 1936 6 in 1937 3 in 1938 1 in 1939	= 98
1936 ...	0 1 in 1939	—	—	0 2 { 1 in 1936 1 in 1937 1 untraced	0 1 in 1936	—	0 2 { 1 in 1937 1 in 1939	0 23 { 6 in 1937 3 in 1938 1 in 1939	
Cases treated ...	—	3	3	4	1	4 { 3 in 1936 1 in 1935	5	28	= 120
1937 ...	—	1 2 { 1 in 1938 1 in 1939	—	0 4 { 3 in 1937 1 in 1938	1 0	—	0 5 { 3 in 1937 2 in 1938	0 28 { 14 in 1937 10 in 1938 4 in 1939	
Cases treated ...	1	—	7	—	1	13 { 3 in 1935 3 in 1936 5 in 1937 2 in 1938	6	18	= 141
1938 ...	0 1 in 1939	—	—	—	1 0	—	0 6 { 4 in 1938 2 in 1939	0 17 in 1938 1 died	
Cases treated ...	—	—	—	1	1	9	3	33	= 121
1939 ...	—	—	—	0 1 in 1939	1 0	7 2 (1938 cases)	1 2 in 1939	23 9 in 1939 1 died	

